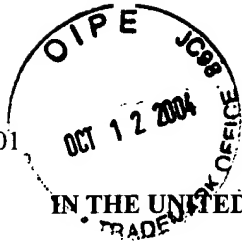


Docket No.: 49657-801



**PATENT**

AF  
JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : **Response Under 37 CFR 1.116 - Expedited Procedure**  
: Customer Number: 20277  
:  
Tomohide TERASHIMA : Confirmation Number: 8222  
:  
Application No.: 09/661,035 : Group Art Unit: 2811  
:  
Filed: September 13, 2000 : Examiner: Steven Ho Yin Loke  
:  
For: SEMICONDUCTOR DEVICE WITH REGION THAT CHANGES DEPTH ACROSS THE DIRECTION OF  
CURRENT FLOW (As Amended)

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☒ No additional fee is required.  
☐ Applicant is entitled to small entity status under 37 CFR 1.27  
☐ Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	18	20	0	\$18.00 =	\$0.00
Independent Claims	5	5	0	\$88.00 =	\$0.00
Multiple claims newly presented					\$0.00
Fee for extension of time					\$0.00
					\$0.00
Total of Above Calculations					\$0.00

- ☐ Please charge my Deposit Account No. 500417 in the amount of \$0.00. An additional copy of this transmittal sheet is submitted herewith.
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

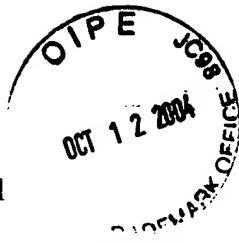
Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

Bernard P. Codd

Registration No. 46,429

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
202.756.8000 BPC:kap  
Facsimile: 202.756.8087  
Date: October 12, 2004



Docket No.: 49657-801

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Tomohide TERASHIMA

RESPONSE UNDER 37 CFR § 1.116  
**EXPEDITED PROCEDURE**

Application No.: 09/661,035

Filed: September 13, 2000

Customer No.: 20277

Confirmation No.: 8222

Group Art Unit: 2811

Examiner: Steven Ho Yin Loke

Title: SEMICONDUCTOR DEVICE WITH REGION THAT CHANGES DEPTH ACROSS  
THE DIRECTION OF CURRENT FLOW (As Amended)

**AMENDMENT UNDER 37 C.F.R. § 1.116**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Corres. and Mail  
**BOX AF**

Sir:

These amendments and remarks are filed in response to the Final Office Action dated  
August 5, 2004, pursuant to 37 C.F.R. § 1.116.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 9 of this paper.